ELSEVIER

Journal of Luminescence 97 (2002) 250–252

JOURNAL OF LUMINESCENCE

www.elsevier.com/locate/jlumin

Index of Authors and Papers

Acemioğlu, B., M. Arık, Y. Onganer, Solvent effect on nonradiative process of pyronin B in protic and aprotic solvent systems 97 (2002) 153
Akiyama, M., C.-N. Xu, Y. Liu, K. Nonaka, T. Watanabe, Influence of Eu, Dy co-doped strontium aluminate composition on mechanoluminescence intensity 97 (2002) 13
Al-Saleh, M., see R. Balda 97 (2002) 190
An, Y., G.E. Schramm, M.T. Berry, Ligand-to-metal charge-transfer quenching of the Eu^{3+}($^5D_1$) state in europium-doped tris(2,2,6,6-tetramethyl-3,5-heptanedionato)gadolinium (III) 97 (2002) 7
Arık, M., see B. Acemioğlu 97 (2002) 153
Azevedo, W.M., see A.D.S. Marques 97 (2002) 237
Azinović, D., J. Cai, C. Eggs, H. König, H.C. Marsmann, S. Vepřek, Photoluminescence from silsesquioxanes $R_8(SiO_{1.5})_8$ 97 (2002) 40

Balda, R., M. Voda, M. Al-Saleh, J. Fernández, Visible luminescence in KPb_2Cl_5:Pr^{3+} crystal 97 (2002) 190
Bass, M., see A. Rapaport 97 (2002) 180
Baukol, B.A., see J.F. Wager 97 (2002) 68
Belfield, K.D., M.V. Bondar, O.V. Przhonska, K.J. Schafer, W. Mourad, Spectral properties of several fluorene derivatives with potential as two-photon fluorescent dyes 97 (2002) 141
Bender, J.P., see J.F. Wager 97 (2002) 68
Berry, M.T., see Y. An 97 (2002) 7
Bill, H., see J.M. Rey 97 (2002) 224
Bondar, M.V., see K.D. Belfield 97 (2002) 141
Bonesi, S.M., R. Erra-Balsells, Electronic spectroscopy of N- and C-substituted chlorocarbazoles in homogeneous media and in solid matrix 97 (2002) 83
Bourhill, G., see J.P. Duignan 97 (2002) 115
Bowman, S.R., see N.W. Jenkins 97 (2002) 127
Božović, I., see N. Nagasawa 97 (2002) 161
Božović, N., see N. Nagasawa 97 (2002) 161

Cai, J., see D. Azinović 97 (2002) 40
Chen, H., see Y. Liu 97 (2002) 135
Chen, X., A.Y. Nazzal, M. Xiao, Z.A. Peng, X. Peng, Photoluminescence from single CdSe quantum rods 97 (2002) 205
Constantinescu, T., see M. Voicescu 97 (2002) 60
Copeland, T.S., B.I. Lee, J. Qi, A.K. Elrod, Synthesis and luminescent properties of Mn^{2+}-doped zinc silicate phosphors by sol–gel methods 97 (2002) 168

Deng, P., see P. Yang 97 (2002) 51
de Sa, G.F., see A.D.S. Marques 97 (2002) 237
Dorenbos, P., see E. van der Kolk 97 (2002) 212
Duignan, J.P., I.D.H. Oswald, I.C. Sage, L.M. Sweeting, K. Tanaka, T. Ishihara, K. Hirao, G. Bourhill, Do triboluminescence spectra really show a spectral shift relative to photoluminescence spectra? 97 (2002) 115

Eggs, C., see D. Azinović 97 (2002) 40
Elhouichet, H., A. Moadhen, M. Oueslati, M. Férid, Photoluminescence properties of Tb^{3+} in porous silicon 97 (2002) 34
Elrod, A.K., see T.S. Copeland 97 (2002) 168
Enomoto, T., see M. Nogami 97 (2002) 147
Erra-Balsells, R., see S.M. Bonesi 97 (2002) 83

Férid, M., see H. Elhouichet 97 (2002) 34
Fernández, J., see R. Balda 97 (2002) 190
Fouassier, C., see E. van der Kolk 97 (2002) 212

Gao, D.-Q., see L. Huang 97 (2002) 55
Gesland, J.Y., see N.Yu. Kirikova 97 (2002) 174
Gloskovskii, A., see A. Voloshinovskii 97 (2002) 198
Guillen, F., see E. van der Kolk 97 (2002) 212

Hayakawa, T., see M. Nogami 97 (2002) 147
Hayashi, T., see N. Nagasawa 97 (2002) 161
He, Z.-y., Y.-s. Wang, S. Li, X.-r. Xu, Dynamic studies on the time-resolved fluorescence of Sm^{2+} in $BaCl_2$ 97 (2002) 102

Hirao, K., see J.P. Duignan 97 (2002) 115
Hitt, J.C., see J.F. Wager 97 (2002) 68
Houtepen, A.J., see K.D. Oskam 97 (2002) 107
Huang, C.-H., see L. Huang 97 (2002) 55
Huang, L., H. Tian, F.-Y. Li, D.-Q. Gao, Y.-Y. Huang, C.-H. Huang, Blue organic electroluminescent devices based on a distyrylarylene derivative as emitting layer and a terbium complex as electron-transporting layer 97 (2002) 55
Huang, Y.-Y., see L. Huang 97 (2002) 55
Hurtubise, R.J., see S.D. Mendonsa 97 (2002) 19

Ishihara, T., see J.P. Duignan 97 (2002) 115

Jenkins, N.W., S.R. Bowman, L.B. Shaw, J.R. Lindle, Spectroscopic analysis and laser modeling of neodymium-doped potassium lead chloride 97 (2002) 127
Junior, J.R.L., see A.D.S. Marques 97 (2002) 237

Keszler, D.A., see J.F. Wager 97 (2002) 68
Kirikova, N.Yu., M. Kirm, J.C. Krupa, V.N. Makhov, G. Zimmerer, J.Y. Gesland, 6d5f configuration of U^{4+} doped into $LiYF_4$ crystal 97 (2002) 174
Kirm, M., see N.Yu. Kirikova 97 (2002) 174
König, H., see D. Azinović 97 (2002) 40
Krupa, J.C., see N.Yu. Kirikova 97 (2002) 174
Kudryashov, I., see N. Nagasawa 97 (2002) 161

Lee, B.I., see T.S. Copeland 97 (2002) 168
Li, F.-Y., see L. Huang 97 (2002) 55
Li, G., see N. Nagasawa 97 (2002) 161
Li, S., see Z.-y. He 97 (2002) 102
Li, Y., see D. Wang 97 (2002) 1
Li, Z., see N. Nagasawa 97 (2002) 161
Lindle, J.R., see N.W. Jenkins 97 (2002) 127
Liu, Y., C.N. Xu, H. Chen, H. Tateyama, Influence of calcining temperature on photoluminescence and thermal quenching in europium-doped Y_2SiO_5 using the MOD process 97 (2002) 135
Liu, Y., see M. Akiyama 97 (2002) 13

Makhov, V.N., see N.Yu. Kirikova 97 (2002) 174
Marques, A.D.S., Y. Takahata, J.R.L. Junior, M.C. Souza, S.S. Simoes, W.M. Azevedo, G.F. de Sa, The species of 8-methoxy-psoralen in hydrophobic and hydrophilic environments and its solubilization in neutral and charged micelles 97 (2002) 237
Marsh, P.J., J. Silver, A. Vecht, A. Newport, Cathodoluminescence studies of yttrium silicate:cerium phosphors synthesised by a sol–gel process 97 (2002) 229
Marsmann, H.C., see D. Azinović 97 (2002) 40
Meghea, A., see M. Voicescu 97 (2002) 60
Meijerink, A., see K.D. Oskam 97 (2002) 107
Mendonsa, S.D., R.J. Hurtubise, A comparative study of the solid-matrix phosphorescence of heterocyclic aromatic amines in glucose glasses as a function of temperature 97 (2002) 19
Moadhen, A., see H. Elhouichet 97 (2002) 34
Mourad, W., see K.D. Belfield 97 (2002) 141
Myagkota, S., see A. Voloshinovskii 97 (2002) 198

Nagasawa, N., H. Sugiyama, N. Naka, I. Kudryashov, M. Watanabe, T. Hayashi, I. Božović, N. Božović, G. Li, Z. Li, Z.K. Tang, Visible emission of single-wall carbon nanotubes formed in micro-channels of zeolite crystals 97 (2002) 161
Naka, N., see N. Nagasawa 97 (2002) 161
Nazzal, A.Y., see X. Chen 97 (2002) 205
Newport, A., see P.J. Marsh 97 (2002) 229
Nogami, M., T. Enomoto, T. Hayakawa, Enhanced fluorescence of Eu^{3+} induced by energy transfer from nanosized SnO_2 crystals in glass 97 (2002) 147
Nonaka, K., see M. Akiyama 97 (2002) 13

Onganer, Y., see B. Acemioğlu 97 (2002) 153
Oskam, K.D., A.J. Houtepen, A. Meijerink, Site selective 4f5d spectroscopy of $CaF_2:Pr^{3+}$ 97 (2002) 107
Oswald, I.D.H., see J.P. Duignan 97 (2002) 115
Oueslati, M., see H. Elhouichet 97 (2002) 34

Peng, X., see X. Chen 97 (2002) 205
Peng, Z.A., see X. Chen 97 (2002) 205
Przhonska, O.V., see K.D. Belfield 97 (2002) 141

Qi, J., see T.S. Copeland 97 (2002) 168

Rapaport, A., M. Bass, The role of stimulated emission in luminescence decay 97 (2002) 180
Rey, J.M., H. Bill, Photostimulated luminescence of $Ba_{12}F_{19}Cl_5$:Eu 97 (2002) 224

Sage, I.C., see J.P. Duignan 97 (2002) 115
Schafer, K.J., see K.D. Belfield 97 (2002) 141
Schramm, G.E., see Y. An 97 (2002) 7
Shaw, L.B., see N.W. Jenkins 97 (2002) 127
Silver, J., see P.J. Marsh 97 (2002) 229
Simoes, S.S., see A.D.S. Marques 97 (2002) 237
Souza, M.C., see A.D.S. Marques 97 (2002) 237

Sugiyama, H., see N. Nagasawa 97 (2002) 161
Sweeting, L.M., see J.P. Duignan 97 (2002) 115

Takahata, Y., see A.D.S. Marques 97 (2002) 237
Tanaka, K., see J.P. Duignan 97 (2002) 115
Tang, Z.K., see N. Nagasawa 97 (2002) 161
Tateyama, H., see Y. Liu 97 (2002) 135
Tian, H., see L. Huang 97 (2002) 55

van Eijk, C.W.E., see E. van der Kolk 97 (2002) 212
van der Kolk, E., P. Dorenbos, C.W.E. van Eijk, A.P. Vink, C. Fouassier, F. Guillen, VUV excitation and $^1S_0$ emission of Pr^{3+} in $BaSiF_6$ and selecting host lattices with $^1S_0Pr^{3+}$ emission 97 (2002) 212
Vasilescu, M., see M. Voicescu 97 (2002) 60
Vecht, A., see P.J. Marsh 97 (2002) 229
Vepřek, S., see D. Azinović 97 (2002) 40
Vink, A.P., see E. van der Kolk 97 (2002) 212
Voda, M., see R. Balda 97 (2002) 190
Voicescu, M., M. Vasilescu, T. Constantinescu, A. Meghea, On the luminescence of luminol in DMSO in the presence of potassium superoxide-18-crown-6-ether and fluorescein 97 (2002) 60
Voloshinovskii, A., S. Myagkota, A. Gloskovskii, S. Zazubovich, Luminescence of $CsPbCl_3$ microcrystals dispersed in $PbCl_2$:Cs crystals studied under high-energy excitation 97 (2002) 198

Wager, J.F., J.C. Hitt, B.A. Baukol, J.P. Bender, D.A. Keszler, Luminescent impurity doping trends in alternating-current thin-film electroluminescent phosphors 97 (2002) 68
Wang, D., Q. Yin, Y. Li, M. Wang, Concentration quenching of Eu^{2+} in $SrO{\cdot}Al_2O_3$:Eu^{2+} phosphor 97 (2002) 1
Wang, M., see D. Wang 97 (2002) 1
Wang, Y.-s., see Z.-y. He 97 (2002) 102
Watanabe, M., see N. Nagasawa 97 (2002) 161
Watanabe, T., see M. Akiyama 97 (2002) 13

Xiao, M., see X. Chen 97 (2002) 205
Xu, C.-N., see M. Akiyama 97 (2002) 13
Xu, C.N., see Y. Liu 97 (2002) 135
Xu, X.-r., see Z.-y. He 97 (2002) 102

Yang, P., P. Deng, Z. Yin, Concentration quenching in Yb:YAG 97 (2002) 51
Yin, Q., see D. Wang 97 (2002) 1
Yin, Z., see P. Yang 97 (2002) 51

Zazubovich, S., see A. Voloshinovskii 97 (2002) 198
Zimmerer, G., see N.Yu. Kirikova 97 (2002) 174

ELSEVIER

Journal of Luminescence 97 (2002) 253–254

JOURNAL OF LUMINESCENCE

www.elsevier.com/locate/jlumin

Subject Index

β-transition 19
D-(+)-glucose 19
6d–5f luminescence 174
HAM/3-CI 237
$^1S_0$ emission 212

Absorption spectroscopy 40
AM1-MOPAC/93 237
Amplified spontaneous emission 180

Carbon nanotubes 161
Cathodoluminescence 229
Charge transfer 7
Color center 51
Color center absorption bands 224
Composites 115
Concentration quenching 1, 51
Critical transfer distance 1
Cross-relaxation processes 127
Crystallinity 168

Damage sensors 115
Decay time 198
Dislocation movement 13

Electroluminescence 55, 68
Electron–phonon interaction 102
Electronic spectra at 298 K 83
Electronic spectra at 77 K 83
Electronic transitions 141
Emission spectra 141
Emission spectroscopy 237
Energy transfer 60, 198
Excitation anisotropy 141
Excitation mechanism 34
Excitation spectra 141
Excitation spectroscopy 40
Excited state lifetime 180
Exciton 212

Fluorescence 147, 153
Fluorescence lifetime 51
Fluorescent probes 237
Fluoride crystals 174
Fractoluminescence 115

Imaging spectra 205
Intermittence 205
Internal conversion 153

Lanthanides 107
Laser modeling 127
Laser spectroscopy 190
Lattice distortion 51
Luminescence dynamics 180
Luminescence spectroscopy 107
Luminescent impurities 68
Luminol luminescence 60

Mechanoluminescence 13, 115
Metallorganic decomposition 135
Micelles 237
Microcrystals 198

Nanocrystal 147
Nanoparticles 168
Nonradiative rate constant 153

Optical absorption 161
Optical non-linearity 161

Particle size 168
Phase transition 135
Phosphorescence 19
Photoluminescence 34, 40, 55, 135, 205
Photophysical properties 141
Photostimulated luminescence 224
Piezoluminescence 115
PM3 chlorocarbazole electronic spectra calculation 83
PM3 chlorocarbazole molecular orbital calculations 83
Porous silicon 34

Quantum confinement 147
Quantum nanocrystals 205
Quantum splitting 212

Rate constants 7

Seeding 168
Self-compensation 68

Single quantum rods 205
Site selective spectroscopy 107
Solid matrices 19
Sol–gel 168, 229
Solute–solvent interactions 153
Spectroscopic data 127
Stiffness 13
Stimulated emission cross-section 180
Storage phosphor 224
Superoxide anion 60

Time-resolved fluorescence 102
Triboluminescence 115

Upconversion 190
UV excitation 224
UV lasers 174

Vacuum ultraviolet 107

X-ray diffraction 135

ELSEVIER

Journal of Luminescence 97 (2002) 255

JOURNAL OF LUMINESCENCE

www.elsevier.com/locate/jlumin

Materials Index

2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine 19
2-Amino-9H-pyrido[2,3-b]indole 19
4,4′-bis(2,2-di(2-methoxyphenyl)ethenyl)-1,1′-biphenyl 55
18 crown 6 ether 60
8-methoxy-psoralen 237

Actinide ions 174
Alkaline earth aluminate phosphor 1
$Alkyl_8(SiO_{1.5})_8$ 40

Ba 102
$Ba_{12}F_{19}Cl_5$ 224

CdSe 205
Chlorocarbazoles 83
$CsPbCl_3$ 198

Eu^{2+} line emission 212
Eu^{3+} ion 147
Europium 7, 224
Europium-doped Y_2SiO_5 135

Fluorene derivatives 141

Glucose glasses 19

$H_8(SiO_{1.5})_8$ 40

KPb_2Cl_5 190

$LiYF_4:Pr^{3+}$ 174
$LiYF_4:U^{4+}$ 174

Methanol 19

Neodymium 127

Potassium lead chloride 127
Pr^{3+} 107, 190
Pr^{3+} in $BaSiF_6$ 212
Pyronin B 153

Rare earth 34, 55

Silicon 34
Silsesquioxanes 40
Sm 102
SnO_2 147
Sodium iodide 19
SrS:Ce 68
SrS:Cu 68
Strontium aluminate 13

Tb^{3+} 34

U^{4+} 174

Water 19

Y_2SiO_5:Ce 229
Yb^{2+} ion 51
Yb:YAG 51

Zeolite 161
ZnS:Mn 68